

INTRAOSSIOUS INFUSION SYSTEM

DISTRIBUTOR: BOUND TREE MEDICAL
MANUFACTURER: PYNG MEDICAL CORP

Distributor Model# 622270

Manufacturer Model# FAST1

Distributor's PHONE: (800) 533-0523 FAX: (800) 257-5713

Manufacturer's PHONE: (604) 303-7964 FAX: (604) 303-7987

Distributor's Website: <http://www.boundtree.com>

Manufacturer's Website: <http://www.pyng.com>

Item Web Link:

<http://www.pyng.com/products/fast1/>

AAC 'L' ITEM NSN 6515-01-530-6147

UAs: 1374 , 267C, P583

USAMMA POC: Customer Relationship Management 301-619-1288/4301 - DSN 343-1288/4301

UNIT PRICE: \$1,836.61

System Description: The FAST 1® system was developed for adult intraosseous infusion. Designed for the pre-hospital and hospital emergency environments. Provides volume fluid resuscitation for treatment of hemorrhagic shock. Extensive field trials have proven its capabilities in saving lives and saving time. Fast, assured, safe vascular access in 60 seconds (median average in field trials). Flow rates for gravity drip, up to 80 ml per minute; for I.V., pressure cuff up to 225 ml per minute.

The FAST1® Intraosseous Infusion System quickly and reliably creates a port through which fluids can be introduced via the sternum. Studies demonstrate that substances infused into the sternal marrow appear in the central circulatory system in under 30 seconds - that's 2-3 times faster than non-sternal sites.

The patented, notched Target Patch precisely identifies the correct insertion site for accurate placement, every time. With user-controlled force only, the Stabilizer Points ensure accurate and depth-controlled deployment of the Infusion Tube; only the Infusion Tube enters the sternum. The Protector Dome protects the infusion site, keeps it clean, and prevents interference with other procedures near the infusion site (for example, chest compressions or cervical collar).

- Features:**
- Introducer inserts Infusion Tube into manubrium
 - Infusion Tube is mounted on a Stylet inside Introducer
 - Stabilizer Needles ensure depth control only, they do not penetrate the bone
 - Relies on operator force only – it is not a gun, not spring-loaded, not battery dependent, nor pneumatic
 - Downward force on Introducer pushes steel Infusion Tube tip through soft tissue, into bone
 - When steel tip is just inside marrow space, Infusion Tube automatically separates from Introducer
 - Ring of Stabilizer Needles ensure proper deployment only – they do not enter the bone
 - Depth control mechanism prevents overpenetration
 - Infusion Tube flexes with movement of patient's skin preventing dislodgements, unlike other IO products which use rigid infusion needles
 - Patented strain-relief mechanism and plastic Dome provide additional protection



INTRAOSSIOUS INFUSION SYSTEM
NSN 6515015306147

INTRAOSSEROUS INFUSION SYSTEM **PHYSICAL & ENVIRONMENTAL SPECIFICATIONS**

Item Dimensions	Height (Inches)	8.7
	Width (Inches)	1.6
	Length (Inches)	8.3
	Cube (Cubic Feet)	0.0669
	Weight	6.1 oz
Ship Dimensions	Height (Inches)	0
	Width (Inches)	0
	Length (Inches)	0
	Cube (Cubic Feet)	0
	Weight	
Storage Temp		-40 to 140 °F (-40 to 60 °C)
Operating Temp		
Storage Humidity		
Operating Humidity		
Amps		
Watts		
Power Requirements	N/A	
Notes	<p>Weight of 1 packaged system: 6.1 ounces (174 grams)</p> <p>Weight of the Introducer: 4.5 ounces (128 grams)</p> <p>Dimensions (1 packaged system): 8.7 x 8.3 x 1.6 in (22 x 21 x 4 cm)</p> <p>Dimensions (1 introducer): 1.6 in od x 6.1 in long (4 cm od x 15.5 cm long)</p> <p>Infusion Tube: ≈ 14 gauge inner diameter tubing</p> <p>Portal: Stainless steel: ≈ 17 gauge inner diameter portal</p> <p>Insertion Time: ≤ 10 seconds</p> <p>Drug Delivery Time: ≤ 30 seconds</p> <p>Insertion Depth: 6 mm from surface of manubrium</p> <p>Risk of Over penetration: < 1 in 1,000,000</p> <p>Usage: Can be left in place for up to 24 hours. Sterile, one time use</p> <p>Infusion Rates</p> <ul style="list-style-type: none"> ● 30-80 mL/min by gravity drip ● 120 mL/min by pressurized source ● 250 mL/min by syringe 	

**INTRAOSSEOUS INFUSION SYSTEM
ACCESSORIES & CONSUMABLES - STARTUP**

NSN	Notes	Nomenclature	MFR PN Pyng Medical Corp	DIST PN Bound Tree Medical	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6515015306147		Intraosseous Infusion System		FAST1	1	10/PG	\$1,836.61	\$1,836.61	24